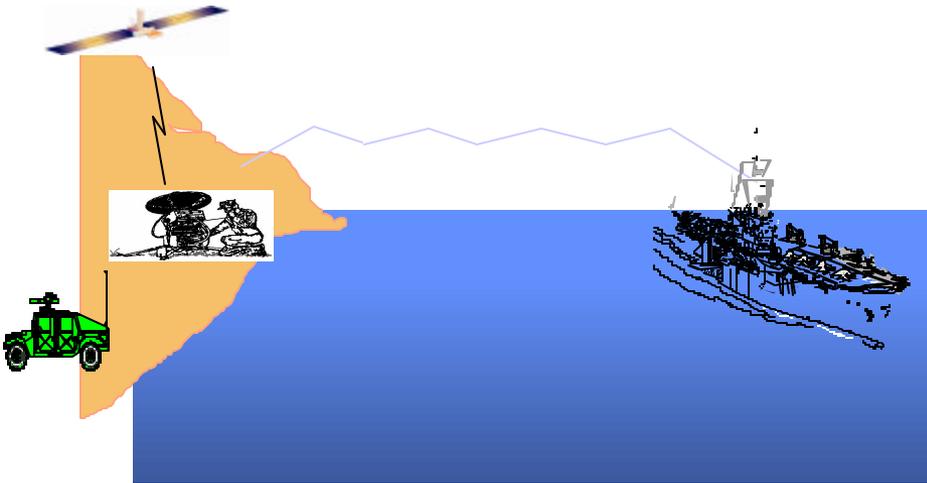




6.2/6.3 Joint Tactical Radio System



OBJECTIVE:

- Provide Marine Corps with reliable, interoperable, voice/data wideband software programmable tactical radio
- Assure USMC requirements are addressed in development of JTRS standards.
- Improved communications performance for manpack, vehicle mount, and C2 platform radio systems.

PAYOFF:

- Greatly improved communications interoperability and flexibility
- Improved data rate with wide-band network waveform

TECHNICAL APPROACH:

- Develop a system level architecture for a USMC Mobile Network Radio (JTRS).
- Participate in and help direct the JTRS IPT for mobile networking.
- Develop expeditionary warfare communications models for evaluating JTRS standards and designs.
- Help develop JTRS standards including SCA, FDD, and WNW
- Monitor Army Cluster I (vehicle radio) contract
- Develop methods of employment of WNW

PERFORMER: SSC-SD, MITRE (FY02), JHU-APL

Tasks	FY01	FY02	FY03	FY04
WNW/Std. Development			△	
Methods of Employment		△	△	
Network Modeling	△	△	△	
Transition to R&D				△